

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (Original): A process for fabrication a metal-insulator-metal (MIM) device for actively addressing electro-optical effects comprising:

creating one or more surface relief levels in a dielectric layer over a conductive carrier wherein the surface relief levels form trenches;

depositing a first metal in the trenches;

anodizing the first metal to create a non-linear dielectric;

depositing a second metal in the trenches to create an electrical contact with the non-linear dielectric;

forming a contact with the second metal for an electro-optic effect; and

transferring the MIM device to a final substrate by adhesive transfer.

Claim 2 (Original): The process of claim 1 wherein the creating is formed using an embossing process.

Claim 3 (Original): The process of claim 1 wherein the trenches are of varying depths.

Claim 4 (Original): The process of claim 1 wherein depositing the first metal is performed by vacuum deposition.

Claim 5 (Original): The process of claim 1 wherein the depositing the first metal is performed by electro-deposition.

Claim 6 (Original): The process of claim 1 wherein the depositing the second metal is performed by electro-deposition.

Claim 7 (Original): The process of claim 1 wherein the contact is a liquid crystal cell contact.

Claim 8 (Original): The process of claim 1 wherein a single MIM is fabricated.

Claim 9 (Original): The process of claim 1 wherein a dual MIM is fabricated.

Claim 10 (Original): The process of claim 1 further comprising applying a transparent conductor.

Claim 11 (Original): The process of claim 10 wherein the transparent conductor is PEDOT.

Claim 12 (Original): The process of claim 1 wherein the first and second metals comprise alloys.

Claim 13 (Original): An electro-optical display that comprises MIM devices fabricated from the process of claim 1.

Claims 14-20 (cancelled)

Claim 21 (Original): A transparent substrate comprising the non-linear active device of claim 13.

Claim 22 (Original): A liquid crystal display comprising the non-linear active device of claim 1.

Claim 23 (Original): The liquid crystal display of claim 22 wherein the electro-optic effects are to liquid crystal cells.

Claim 24 (Original): A process of creating a display device comprising:
fabricating an array of active addressing devices comprised of non-linear capacitive components formed by embossing of a relief surface creating a dielectric over conductive carrier;
depositing metals using the conductive carrier as a conductive terminal;
removing the conductive carrier by transferring the array of active addressing devices onto a substrate; and
forming contacts to electro-optic components from the array of active addressing devices.

Claim 25 (Original): The process of claim 24 wherein the active addressing components are metal-insulator-metal (MIM) devices.

Claim 26 (Original): The process of claim 25 wherein the MIM devices are single MIM devices.

Claim 27 (Original): The process of claim 25 wherein the MIM devices are dual MIM devices.

Claim 28 (Original): The process of claim 24 wherein the electro-optic components are liquid crystal cells.